

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Computer readable media comprising instructions which, when executed by a processor, cause the processor to implement a ~~A method of predicting for estimating~~ a quantity of a resource required for the deployment during the installation of a software application on a computing system, comprising the steps of providing accessing a database having historical resource utilisation data stored thereon, the historical resource utilization data comprising information about resources required during the installation for deployment of the software applications application on other computing systems, providing selecting a value for a parameter of the computing system relevant to resource utilisation; providing and a value for a parameter of the software application relevant to resource utilisation, and utilising using the historical resource utilisation data and the selected parameter values to predict estimate the quantity of the resource required for deployment installation of the software application.
2. (Currently Amended) ~~A method~~ The computer readable media in accordance with Claim 1, wherein the historical resource utilisation data includes parameter values of the computing systems and parameter values of the software applications historically installed ~~deployed~~.
3. (Currently Amended) ~~A method~~ The computer readable media in accordance with Claim 2, wherein the historical resource utilisation data includes statistics, the statistics being values of the quantities of resources used in the historical installation ~~deployment~~.
4. (Currently Amended) ~~A method~~ The computer readable media in accordance with Claim 3, wherein the historical resource utilisation data includes at least two parameter/statistic pairs for historical installation ~~deployments~~.
5. (Currently Amended) ~~A method~~ The computer readable media in accordance with Claim 3, wherein the relationship between the parameter and statistic pairs is derived by applying a statistical model to the parameter/statistic pairs.
6. (Currently Amended) ~~A method~~ The computer readable media in accordance with Claim 4, wherein a relationship is predicted between a statistic and n distinct parameters, where n is any integer greater than or equal to two, comprising the further step of obtaining m_n

different values for each parameter P_n , and further obtaining at least $m_1m_2...m_n$ values of a statistic for each distinct combination of parameter values, where $m_1m_2...m_n$ represents the product of values $m_1, m_2, ... m_n$.

7. (Currently Amended) A ~~method~~ The computer readable media in accordance with Claim 5, wherein the relationship between the statistic and the parameter or n parameters is determined by assuming that the relationship between the parameter/statistic pairs takes the form of a straight line.
8. (Currently Amended) A ~~method~~ The computer readable media in accordance with Claim 6, wherein the equation of the straight line is calculated using co-ordinate geometry.
9. (Currently Amended) A ~~method~~ The computer readable media in accordance with Claim 7, wherein the mathematical model takes the form:

$$S = S_a + \frac{(S_c - S_a)}{(c - a)} (P_k - a)$$

10. (Currently Amended) A computing system arranged to facilitate the estimation ~~prediction~~ of a statistic for use in the prediction of resources required ~~for the deployment during the installation~~ of a software application, comprising, a database ~~arranged to provide~~ including historical resource utilisation data ~~for deployment of the resources required during installation of the software application~~ applications on other computing systems, means for ~~providing~~ selecting a value for a parameter of the computing system relevant to resource utilisation, and a value for a parameter of the software application relevant to resource utilisation, and computation means arranged to utilise the historical resource utilisation data and parameter values to ~~predict~~ estimate the quantity of the resource required for ~~deployment~~ installation of the software application.
11. (Currently Amended) A system in accordance with Claim 10, wherein the historical resource utilisation data includes parameter values of the computing systems and parameter values of the software applications historically installed ~~deployed~~.
12. (Currently Amended) A system in accordance with Claim 11, wherein the historical resource utilisation data includes statistics, the statistics being values of the quantities of resources used in the historical installation ~~deployment~~.

13. (Currently Amended) A system in accordance with Claim 12, wherein the historical resource utilisation data includes at least two parameter/statistic pairs for historical installation deployments.
14. (Original) A system in accordance with Claim 13, wherein the relationship between the parameter and statistic pairs is derived by applying a statistical model to the parameter/statistic pairs.
15. (Original) A system in accordance with Claim 14, wherein a relationship is predicted between a statistic and n distinct parameters, where n is any integer greater than or equal to two, comprising the further step of obtaining m_n different values for each parameter P_n , and further obtaining at least $m_1 m_2 \dots m_n$ values of a statistic for each distinct combination of parameter values, where $m_1 m_2 \dots m_n$ represents the product of values $m_1, m_2, \dots m_n$.
16. (Original) A system in accordance with Claim 15, wherein the relationship between the statistic and the parameter or n parameters is determined by assuming that the relationship between the parameter/statistic pairs takes the form of a straight line.
17. (Original) A system in accordance with Claim 16, wherein the equation of the straight line is calculated using co-ordinate geometry.
18. (Original) A system in accordance with Claim 17, wherein the mathematical model takes the form:
- $$S = S_a + \frac{(S_c - S_a)}{(c - a)}(P_k - a)$$
19. (Original) A computer program arranged, when loaded on a computing system, to implement the method of any one of Claims 1 to 9.
20. (Original) A computer readable medium providing a computer program in accordance with Claim 19.
21. (Currently Amended) A method for building a model for use in the prediction of resources required for the deployment installation of a software application, the method comprising the steps of collecting historical resource utilisation data for deployment of resources utilized during the installation of software applications on a plurality of computing systems, and storing the historical resource usage data.

RESPONSE

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22. (Currently Amended) A model comprising historical resource utilisation data ~~for deployment~~
of resources utilized during the installation of software applications on a plurality of
computing systems, the data being stored in a database.